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Jul 7, 1981

DERWENT-ACC-NO: 1982-34978E  
DERWENT-WEEK: 198217  
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TITLE: Scale removal from IC engine cooling systems - by washing with hot soln. of waste carboxylic and aminoacid obtd. from distillery residues

INVENTOR: FARBER, S S H; KUPRII, D D

PRIORITY-DATA: 1979SU-2806200 (July 19, 1979)

## PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
SU 844584 B	July 7, 1981		002	

INT-CL (IPC): C02F 5/02

ABSTRACTED-PUB-NO: SU 844584B  
BASIC-ABSTRACT:

The cpds. include acetic, formic, butyric, caproic, pelargonic, caprylic and lactic acids as the carboxylic acids, and glutamine, leucine, valine, alamine, glycine, tyrosine, serine, arginine as the amino acids.

The method can make use of a wide range of cpds., corrosion losses are reduced, and the wash temp. of 40-80 deg.C is the normal operating temp. of the cooling system and requires no adjustment.

The process takes 4-8 hr., depending on the amt. of scale and corrosion products present, and removed about 80% of the scale compared to the previous value of 70% when using lignosulphonic acids. The corrosion losses are also reduced, being 8 times less for carbon steels and 2 times less for aluminium alloys. Bul.25/7.7.81 (2pp)

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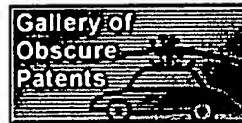
Get Now: [More choices...](#)Tools: Add to Work File: [Create new Work File](#) View: Jump to:  Go to: [Derwent...](#)☒ [Email this to a friend](#)Title: **SU0844584A1: METHOD OF BOILER SCALE REMOVAL**Country: **SU Union of Soviet Socialist Republics (USSR)**Kind: **A1 Inventor's Certificate**Inventor: **CHALYJ ALEKSANDR A,SU;  
FARBER SLAVIN SH,SU;  
KUPRIJ DMITRIJ D,SU;**[No Image](#)Assignee: **KUPRIJ DMITRIJ D,SU, Union of Soviet Socialist Republics (USSR)**[News, Profiles, Stocks and More about this company](#)Published / Filed: **1981-07-07 / 1979-07-19**Application Number: **SU1979002806200**IPC Code: **C02F 5/02;**ECLA Code: **None**Priority Number: **1979-07-19 SU1979002806200**

Family:

PDF	Publication	Pub. Date	Filed	Title
	<b>SU0844584A1</b>	<b>1981-07-07</b>	<b>1979-07-19</b>	<b>METHOD OF BOILER SCALE REMOVAL</b>
1 family members shown above				

Other Abstract Info:

None

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